

The following listing of claims replaces all prior versions and listings of claims in this application.

Listing of Claims

1. (currently amended) A home gateway system for home automation and security comprising:
 - a wireless local loop transceiver ~~capable of establishing to establish~~ a wireless local loop point to point link to a geographically separated, non-mobile base station which is ~~attached to~~ coupled to the PSTN;
 - a home automation controller ~~capable of sending and receiving a message to~~ communicate with the wireless local loop transceiver; and
 - a home security controller ~~capable of sending and receiving a message to~~ communicate with the wireless local loop transceiver and the home automation controller.
2. (currently amended) The home gateway system of claim 1, further including a smart card interface ~~capable of sending to send~~ a plurality of instructions to the home automation controller.
3. (original) The home gateway system of claim 1, further including a voice processing system coupled to the home security system.
4. (original) The home gateway system of claim 3, wherein the voice processing system includes a speaker verification module.
5. (original) The home gateway system of claim 3, wherein the voice processing system includes a speech recognition module.
6. (currently amended) The home gateway system of claim 1, further including a switch connecting the wireless local loop ~~telephony connection-transceiver~~ to the home security controller.

7. (original) The home gateway system of claim 1, further including a plurality of sensors connected to the home security controller.

8. (currently amended) A method of operating a home gateway system for home automation and security, comprising ~~the steps of~~:

- (a)receiving a request for access to a-home automation and security features from a user through a wireless local loop point to point link from a geographically separated non-mobile base station which is ~~attached~~ coupled to the PSTN;
- (b)performing a speaker verification of the user;
- (c)when the user is verified, allowing the user access to the home automation and security features; and
- (d)receiving a voiced instruction.

9. (currently amended) The method of claim 8, wherein ~~step (a) further includes the steps of~~ receiving the request for access comprises:

- (a1)inputting an electronic address of the home gateway system by the user;
- (a2)establishing an electronic connection with the home gateway system; and
- (a3)selecting the home automation and security features from a plurality of options.

10. (currently amended) The method of claim 9, wherein ~~the step of~~ inputting the electronic address includes ~~the step of~~ dialing a phone number.

11. (currently amended) The method of claim 9, wherein ~~the step of~~ establishing the electronic connection includes ~~the step of~~ setting up a wireless local loop telephony connection.

12. (currently amended) The method of claim 8, wherein ~~step (b) further includes the steps of~~ performing the speaker verification comprises:

- (b1)requesting a user to speak an access code; and
- (b2)performing a speech recognition on the access code;

~~(b3)~~when the access code is recognized and belongs to a set of approved access codes, performing atthe speaker verification.

13. (currently amended) The method of claim 12, further including ~~the steps of:~~
~~(b4)~~when the speaker verification fails, requesting a user enter a personal identification number.

14. (currently amended) The method of claim 8, further including ~~the steps of:~~
~~(e)~~performing a speech recognition of the voiced instruction;
~~(f)~~converting the voiced instruction into an electronic instruction; and
~~(g)~~sending the electronic instruction to a home automation and security controller.

15. (currently amended) A method of operating a home gateway system for home automation and security, comprising ~~the steps of:~~
~~(a)~~monitoring a parameter;
~~(b)~~when the parameter exceeds a defined range, sending a message containing an electronic address to a processor;
~~(c)~~establishing a communication link to the electronic address over a wireless local loop, wherein the wireless local loop point to point link is through a geographically separated non-mobile base station which is ~~attached~~coupled to the PSTN; and
~~(d)~~transmitting the message to the electronic address.

16. (currently amended) The method of claim 15, wherein ~~step (b) further includes the step of~~sending the message comprises:

~~(b1)~~when the parameter is a forceful entry signal, sending the message that contains a police telephone number to the processor.

17. (currently amended) The method of claim 15, wherein ~~step (d) further includes the step of~~transmitting the message comprises:

~~(d1)~~speech synthesizing a portion of the message to form an audio message; and
~~(d2)~~transmitting the audio message to the electronic address.

18. (currently amended) A home gateway system for home automation and security comprising:

a wireless local loop transceiver ~~capable of establishing~~to establish a wireless local loop point to point link to a geographically separated, non-mobile base station which is ~~attached~~coupled to the PSTN;

a switch ~~connected~~coupled to the wireless local loop transceiver;

a processor ~~connected~~coupled to the switch;

a voice processing system ~~connected~~coupled to the processor;

a router coupled to the switch;

a home automation controller ~~connected~~coupled to the router; and

a home security controller ~~connected~~coupled to the router.

19. (currently amended) A method of operating a home gateway system for home automation and security, comprising ~~the steps of~~:

~~(a)~~ dialing a telephone number of the home gateway system by a user;

~~(b)~~ establishing a wireless local loop connection with the home gateway system;

~~(c)~~ selecting a home automation and security features from a plurality of options;

~~(d)~~ performing a speaker verification of the user;

~~(e)~~ when the user is verified, allowing the user access to the home automation and security features;

~~(f)~~ receiving a voiced instruction to setup a home security controller in a warning mode;

~~(g)~~ monitoring a forceful entry signal;

~~(h)~~ when the forceful entry signal exceeds a defined range, sending a message containing a police telephone number to a processor;

~~(i)~~ establishing a communication link to the police telephone number over a wireless local loop; and

~~(j)~~ transmitting the message to the police telephone number.